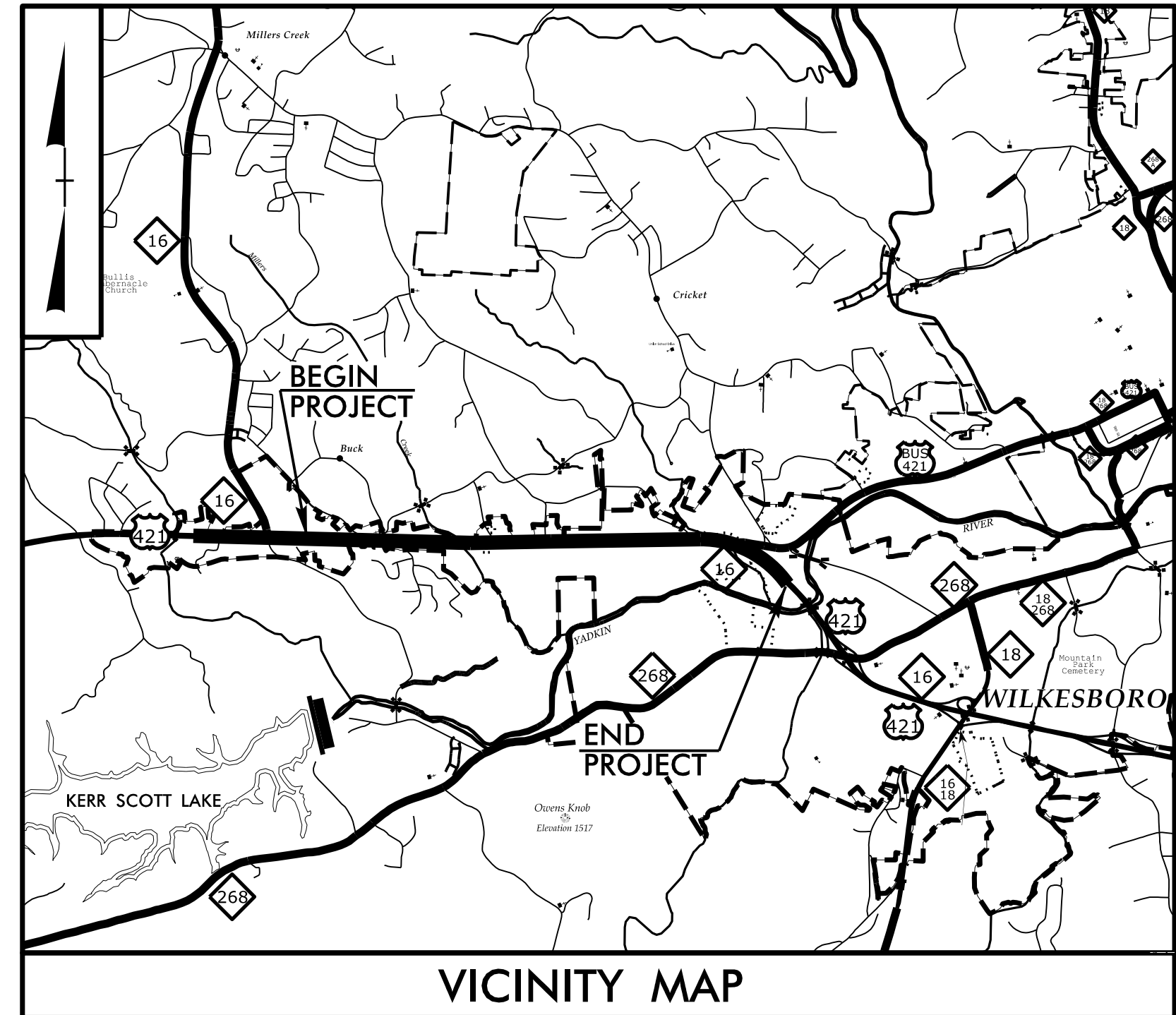


09\_08/199

TIP PROJECT: U-5312



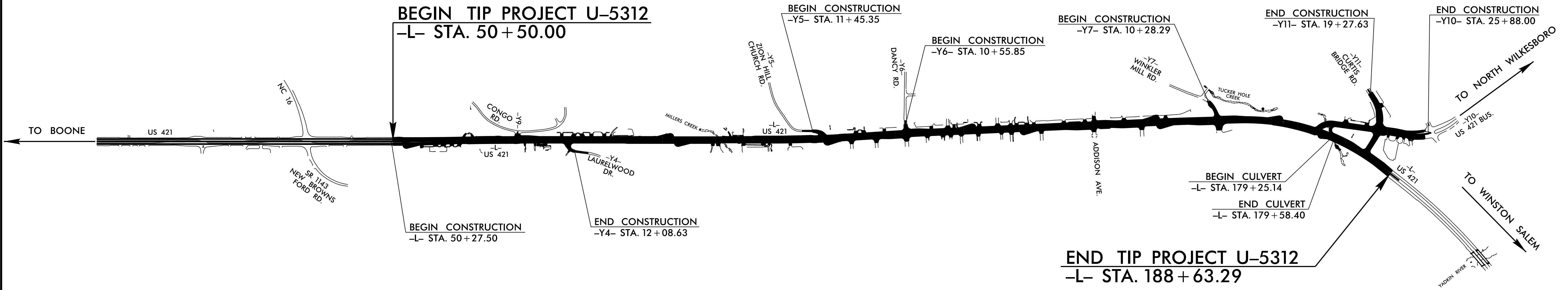
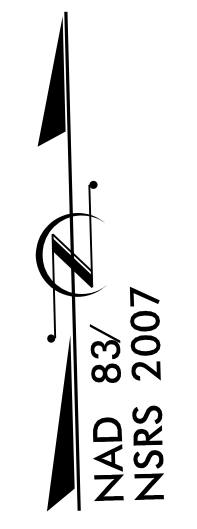
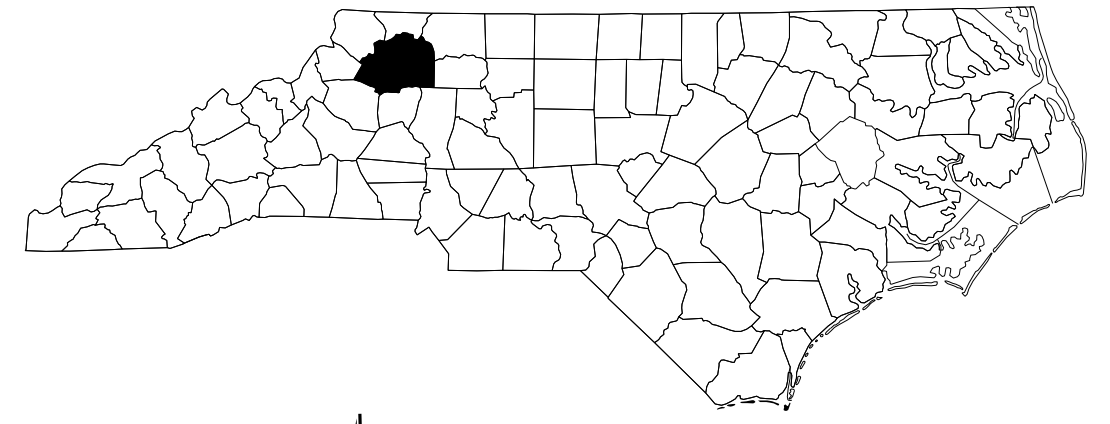
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**WILKES COUNTY**

LOCATION: US 421 FROM EAST OF NC 16 TO US 421 BUSINESS IN WILKESBORO

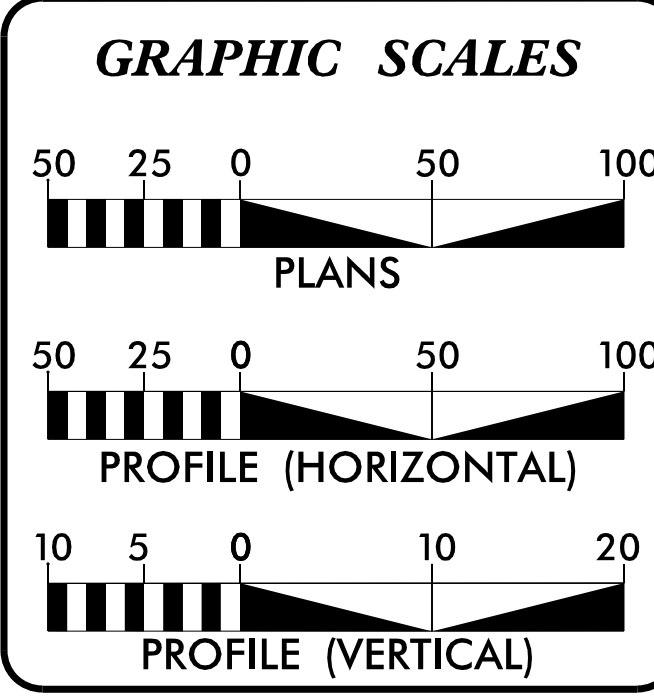
TYPE OF WORK: GRADING, DRAINAGE, PAVING, STRUCTURES, SIGNING, SIGNALS, AND ITS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.
N.C.	U-5312	1
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
45446.1.1	NHS-0421(072)	PE
45446.2.1	NHS-0421(072)	R/W
45446.2.U1	NHS-0421(072)	UTILITY
45446.3.1	NHS-0421(072)	CONST.



**STRUCTURES**

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED



**DESIGN DATA**

ADT 2020 =	37,000
ADT 2040 =	41,900
K =	8 %
D =	55 %
T =	5 % *
V =	50 MPH
* TTST =	2% DUAL 3%
FUNC CLASS =	ARTERIAL
STATEWIDE TIER	

**PROJECT LENGTH**

LENGTH OF ROADWAY TIP PROJECT U-5312 =	2.610 MILES
LENGTH OF STRUCTURE TIP PROJECT U-5312 =	0.006 MILES
TOTAL LENGTH OF TIP PROJECT U-5312 =	2.616 MILES

Prepared for the North Carolina Department of Transportation in the office of:

MI ENGINEERING  
1011 SCHAUB DRIVE, SUITE 100  
RALEIGH, NC 27606  
(919) 861-6606  
FIRM PE NUMBER: P-0671

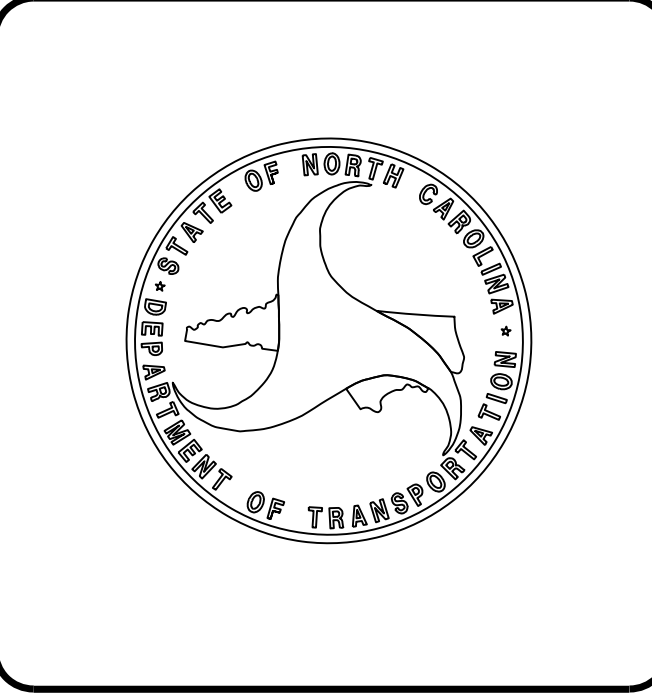
2012 STANDARD SPECIFICATIONS  
**RIGHT OF WAY DATE:**  
FEBRUARY 26, 2018

**LETTING DATE:**  
SEPTEMBER 19, 2023

**MORRIS ISRAELNAIM, PE**  
PROJECT ENGINEER

**JILLA I. BREWER, PE**  
PROJECT DESIGN ENGINEER

**NCDOT CONTACT:** RAMIE SHAW, PE  
Division Project Development Engineer



7/17/2023 12:21:36 PM User: jlsr@dnm Filename: N:\NC Bridges\MI7004-VHB-U-5312\Culverts & Walls\U-5312\Structures\499\_001\_U5312\_SMU\_TSH.dgn

CONTRACT: C204841